

MIAMI-DADE COUNTY, FLORIDA METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563 (305) 375-2901 FAX (305) 372-6339

www.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Arch Windows, LLC dba AWP 8130 NW 74th Avenue Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "580" Aluminum Single Hung Window - N.I.

APPROVAL DOCUMENT: Drawing No. **W96-35**, titled "Series 580 Alum Single Hung Window (N.I.)" Sheets 1 through 5 of 5, dated 10/10/96 with revision G dated 05/06/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 09-0316.10 and consists of this page 1, and Evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



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NOA No. 10-0518.11 Expiration Date: November 14, 2012 Approval Date: August 25, 2010 Page 1

NOTICE OF ACCEPTANCE: **EVIDENCE SUBMITTED**

A. **DRAWINGS**

1. Manufacturer's die drawings and sections.

Drawing No. W96-38, titled "Series 580 Alum Single Hung Window (N.I.)" Sheets 1 2. through 5 of 5, dated 10/10/96 with revision G dated 05/06/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

В. **TESTS**

Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 1.

- 2) Uniform Static Air Pressure Test, Loading per FBC TAS202-94
- 3) Water Resistance Test, per FBC, TAS 202-94
- 4) Forced Entry Test, per ASTM 588, TAS 202-94

along with marked-up drawings and installation diagram of a series 580 eyebrow top aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5343, dated 10/09/07, signed and sealed by Carlos S. Rionda, (Submitted under previous NOA#09-0316.10)

Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 2.

- 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
- 3) Water Resistance Test, per FBC, TAS 202-94
- 4) Forced Entry Test, per ASTM 588, TAS 202-94

along with marked-up drawings and installation diagram of a series 580 radius top aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-4443, dated 01/26/05, signed and sealed by Edmundo

Largaespada, P.E. (Submitted under previous NOA#09-0316.10)

Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 3.

- 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
- 3) Water Resistance Test, per FBC, TAS 202-94
- 4) Forced Entry Test, per AAMA 1302.paragraph 5 3.1.1 to 3.1.5 along with marked-up drawings and installation diagram of a series 580 aluminum single hung window, glazed w/3/16" temp. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3879, dated 08/28/03, signed and sealed by Joseph Chan, P.E. (Submitted under previous NOA #02-0507.06)

Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 4.

2) Water Resistance Test, per FBC, TAS 202-94 along with marked-up drawings and installation diagram of a Series 580 Aluminum Single Hung Window, glazed with 1/8" ann. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3861, dated 08/07/03, signed and sealed by Joseph Chan, P.E. (Submitted under previous NOA #02-0507.06)

> Manuel Pereza Product Control Examiner

> > NOA No. 10-0518.11

Expiration Date: November 14, 2012 Approval Date: August 25, 2010

Arch Windows, LLC dba AWP

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

Anchor verification calculations and structural analysis, complying with FBC-2007, dated 02/24/09, prepared, signed and sealed by Humayoun Farooq, P.E.
 Complies with ASTM E1300-02/04

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

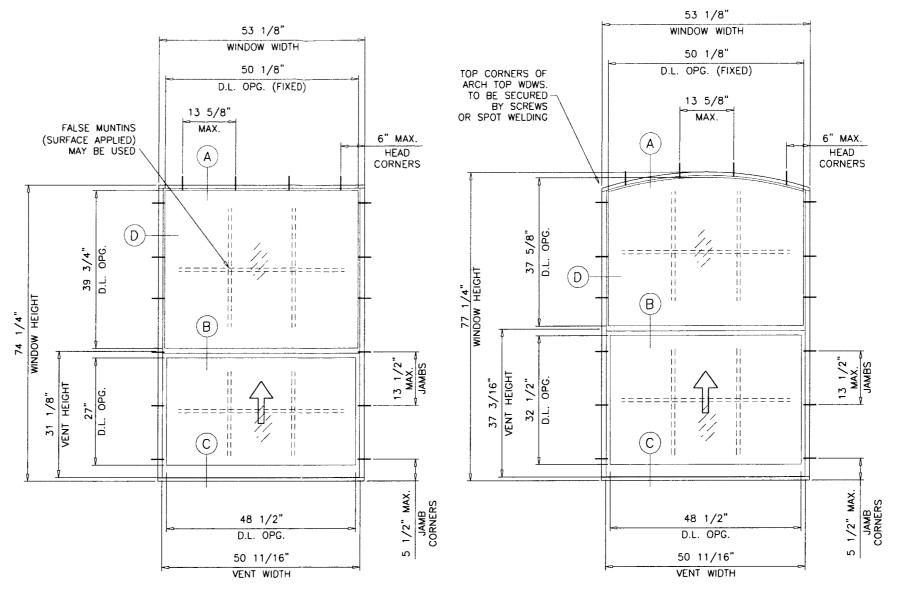
- 1. Statement letter of conformance and no financial interest, dated May 4, 2010, signed and sealed by Javad Ahmad, P.E.
- 2. Proposal # **06-2529** issued by BCCO to Yale Ogron Windows & Doors, Inc. dated 02/07/07, signed by Manuel Perez, P.E., Product Control Examiner.

G. OTHERS

1. Notice of Acceptance No. **09-0316.10**, issued to AWP, LLC for their Series 580 Aluminum Single Hung Window, approved on 05/06/09 and expiring on 11/14/12.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 10:1518 11

Expiration Date: November 14, 2012 Approval Date: August 25, 2010



SERIES 580 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHART SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR S.H. WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOW OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

TYPICAL ELEVATION

TESTED UNITS



Engr: JAVAD AHMAD CIVIL FLA. PE 70592 C.A.N. 3538

PRODUCT REVISED as complying with the Finish Date Ling Code version No. <u>10-0518.</u>) 1 Expression Date <u>NOV-14, 2</u>012

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date: 10–10–96	scale: 1/2"=1'-0"	dr. by: HAMID	
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

(Z Z.

WINDOW

SERIES 580 ALUM SINGLE HUNG

AWP

dpa

LLC

ARCH WINDOWS, LI 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 TEL. (305) 887–2646 FA

883

W96 - 38

sheet 1 of 5

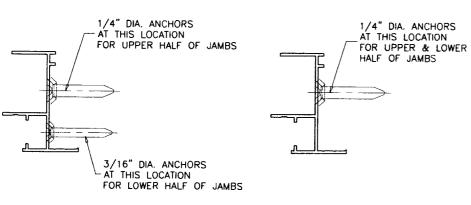
COMPLYING WITH HVHZ REQUIREMENTS. INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE

USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES

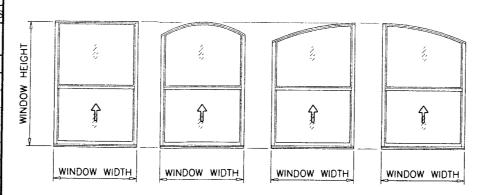
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48" - - - - 35.6 35.6 60.0 73.2 60.0 73.2 53-1/8" - - - - - - 35.6 35.6 60.0 73.2 60.0 73.2 19-1/8" - - - - - - 32.2 32.2 60.0 64.0 60.0 206.5 26-1/2" 60.0 80.0 60.0 80.0 60.0 100.4 60.0 125.0 60.0 206.5 37" 63" 47.0 47.0 47.0 47.0 51.9 51.9 60.0 97.5 60.0 149.0 42" (6) - - - - - 45.7 45.7 60.0 85.1 60.0 93.1 48" - - - - - 40.0 40.0 60.0 71.9 60.0 75.8 53-1/8" - - - - - 36.1 36.1 60.0 62.7 60.0 65.4 19-1/		!	46.2	46.2	47.9	47.9	46.2	46.2	60.0	95.0	60.0	95.0	
53-1/8" - - - - - 32.2 32.2 60.0 64.0 60.0 66.2 19-1/8" 60.0 80.0 60.0 80.0 60.0 100.4 60.0 125.0 60.0 206.5 26-1/2" 60.0 72.5 60.0 76.7 60.0 72.5 60.0 125.0 60.0 149.0 37" 63" 47.0 47.0 47.0 51.9 51.9 60.0 97.5 60.0 106.7 42" (6) - - - - - 45.7 45.7 60.0 85.1 60.0 93.1 48" - - - - - 40.0 40.0 60.0 71.9 60.0 75.8 53-1/8" - - - - - - 36.1 36.1 60.0 62.7 60.0 65.4 19-1/8" 60.0 74.6 60.0 85.2 6		(5)	-			-	40.7	40.7	60.0	83.7	60.0	83.7	
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26-1/2" 60.0 72.5 60.0 76.7 60.0 72.5 60.0 125.0 60.0 149.0 37" 63" 47.0 47.0 47.0 51.9 51.9 60.0 97.5 60.0 106.7 42" (6) - - - - 45.7 45.7 60.0 85.1 60.0 93.1 48" - - - - - 40.0 40.0 60.0 71.9 60.0 75.8 53-1/8" - - - - - 36.1 36.1 60.0 62.7 60.0 65.4 19-1/8" 60.0 74.6 60.0 74.6 60.0 85.2 60.0 125.0 60.0 175.2 26-1/2" 60.0 61.5 60.0 64.1 60.0 61.5 60.0 113.4 60.0 126.5 37" 74-1/4" - - - - 44.0 44.0 60.0 82.0 60.0 79.8							32.2	32.2	60.0	64.0	60.0	66.2	
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48" - - - - 40.0 40.0 60.0 71.9 60.0 75.8 53-1/8" - - - - - 36.1 36.1 60.0 62.7 60.0 65.4 19-1/8" 60.0 74.6 60.0 74.6 60.0 85.2 60.0 125.0 60.0 175.2 26-1/2" 60.0 61.5 60.0 64.1 60.0 61.5 60.0 113.4 60.0 126.5 37" 74-1/4" - - - - 44.0 44.0 60.0 82.0 60.0 90.6 42" (6) - - - - 38.8 38.8 60.0 74.8 60.0 79.8			47.0	47.0	47.0	47.0						106.7	
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48		}				_							

^{*} NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



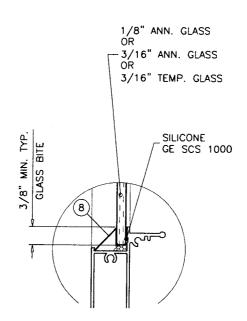
ANCHORS METHOD 'A'

ANCHORS METHOD 'B'



APPROVED CONFIGURATIONS

SHAPES SHOWN ABOVE OR SIMILAR



GLAZING OPTIONS

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

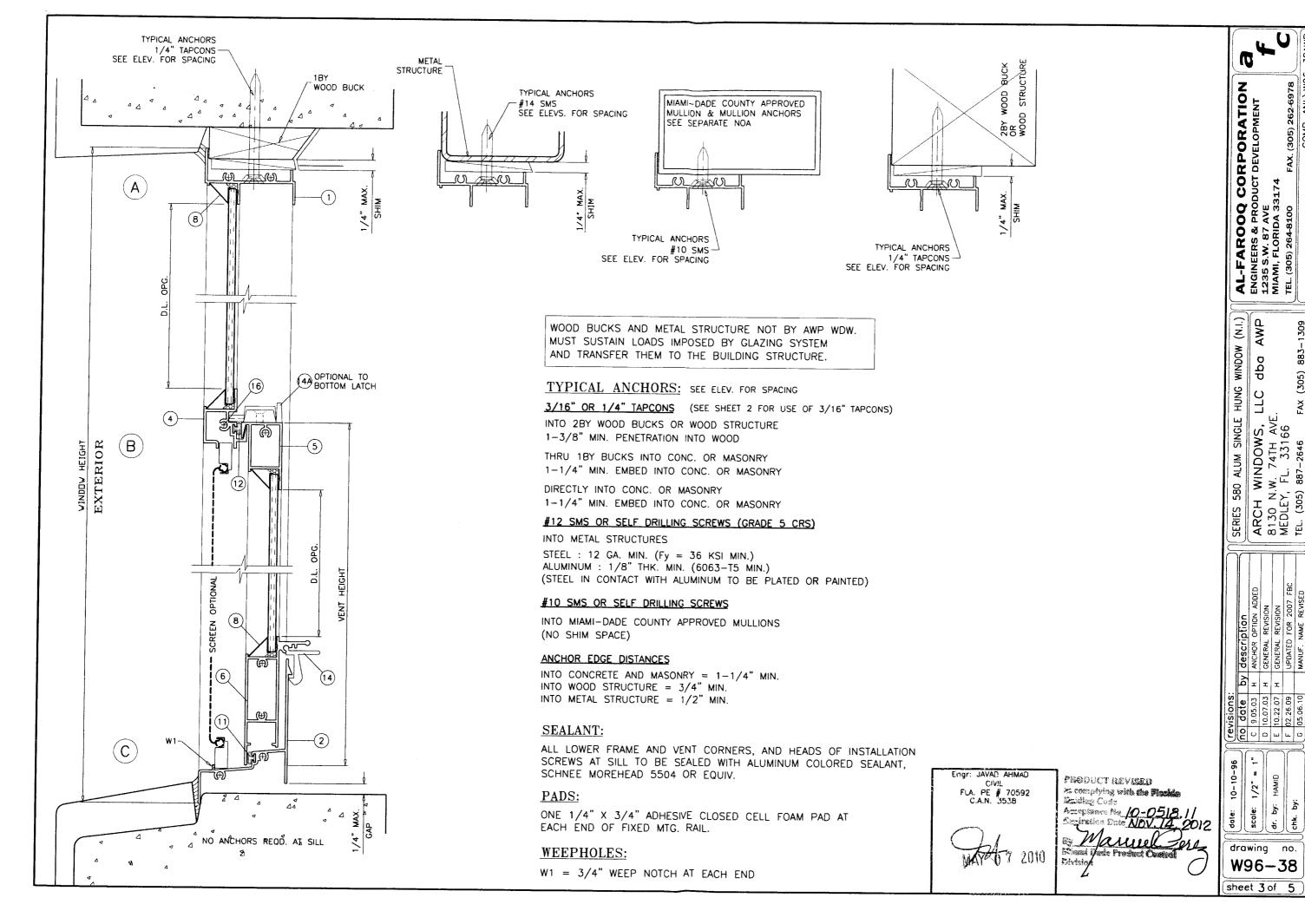
> Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

MAY 974/2010

PRODUCT REVISED
to complying with the Florida
Building Code
Acceptance No 10-0518.11
Replying Date NOV.14, 2012

Maruel Pera

SERIES 580 ALUM SINGLE HUNG WINDOW (N.I.) OF LEADOOD COBBODATION	NOTIFIED POOR LINE	ENGINEERS & PRODUCT DEVELOPMENT	1235 S.W. 87 AVE	MIAMI, FLORIDA 33174	TEL. (305) 264-8100 FAX. (305) 262-6978	SOW / INV GMOD	-06W/ -AIN- W30-
SERIES 580 ALUM SINGLE HUNG WINDOW (N.1.)		ARCH WINDOWS, LLC dbg AWP	0120 NW 74TL AVE	MIDITY II 33100	WEULET, TL. 33.66	[] TEL. (305) 887-2646 FAX (305) 883-1309	
	no date by description			E 10.22.07 H GENERAL REVISION	F 02.26.09 UPDATED FOR 2007 FBC	G 05.06.10 MANUF. NAME REVISED	
dote: 10-10-96	av /S	oniw scole: 1/2" = 1"	9	dr. by: HAMID	no 38		



HAMID

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no.

